



Town of Bluffton
RFQ # 2017-26
Hampton Parkway Striping

1 - Scope of Work

- A. Contractor shall have all appropriate business licenses and permits to conduct work with the Town of Bluffton.
- B. Work under this contract consists of the furnishing and placing of hot applied alkyl thermoplastic reflective pavement markings of extruded and/or sprayed thermoplastic compound and the removal of existing pavement markings. The Contractor shall furnish all equipment, materials, service, labor, and all miscellaneous items necessary for the required pavement preparation, layout, and completion of the pavement marking installation.
- C. The Contractor shall use a thermoplastic reflectorized pavement striping material of the type that is applied to a road surface in a molten state with pre-mixed glass beads by spray or extrusion means, with a supplemental surface application of glass spheres. When applied properly and at the designated thickness and width the stripe shall, upon cooling, be reflectorized and be able to resist deformation by traffic. The applied material shall be impervious to degradation by motor oil, diesel fuel, and grease deposits.
- D. Contractor shall Sweep and clean the surface to eliminate loose material and dust – including grass to the edge of pavement on each side.
- E. Surface shall be dry and free of glaze, oil, dirt, grease or other foreign contaminants.
- F. Contractor shall Apply thermoplastic pavement markings with mechanical equipment for the application of thermoplastic pavement markings meeting the requirements of the South Carolina Department of Transportation Standard Specifications for Highway Construction; SCDOT Standard Drawings for Work Zone Traffic Control Requirements and the Manual on Uniform Traffic Control Devices for Streets and Highways, Edition 2009.
 - a. Contractor shall apply the manufacturer's recommended rates to provide a finished thickness of 90 mils.

- b. Glass beads shall be mechanically applied to the surface of the thermoplastic material immediately after it is applied to the pavement surface and while it is still molten. Uniformly apply at a rate of 12 lb per 100 sq. ft.
- G. Contractor shall apply to produce pavement markings of the dimensions indicated/existing; which are straight or of uniform curvature; of consistent width; and with crisp, uniform edges.
 - a. The finished line markings shall be free from waviness and the lateral deviations.
 - b. No markings shall be less than the specified/existing width.
- H. Contractor shall Provide Traffic Control throughout all striping activities.
- I. Contractor shall provide a Maintenance of Traffic (M.O.T.) plan to the Town's representative.
 - a. M.O.T. must be approved by the Town a minimum of 3 days prior to proceeding with the work to be performed.
 - b. The Contractor shall furnish and place all warning devices, flag persons, flashing arrow boards, and other traffic control devices required to direct, control, and protect the traveling public while marking operations are in progress. Traffic shall have minimal, if any interruption. The work conducted shall be done with the least convenience to traffic. Vehicles must have egress capabilities at all times.
 - c. Contractor shall only close one lane at a time. Both lanes cannot be closed at the same time for any reason.
 - d. Contractor shall protect the markings from traffic until dry.
- J. Contractor shall provide Personnel that are experienced in operating the striping equipment, requiring little or no training necessary to expeditiously commence the work and pursue it to completion.
- K. Contractor shall apply thermoplastic pavement markings when weather is conducive to installing pavement markings. Thermoplastic markings shall not be applied by any means when the surface of the pavement contains evidence of moisture, regardless of temperature.
- L. The Contractor is responsible to protect all existing and newly installed work, materials, equipment, improvements, utilities, structures, and vegetation at all times during the course of this contract. In case any direct or indirect damage is done to public or private property by or because of the work, or in consequence of any act or omission on the part of the Contractor, his employees or agents, the Contractor shall, at his own cost, restore such

property to a condition similar or equal to that existing before such damage was done, by repairing, rebuilding, or otherwise restoring, as may be required by the Town, or shall make good such damage in a satisfactory manner;

M. 90 DAY THERMOPLASTIC PAVEMENT MARKING OBSERVATION PERIOD

- a. The Contractor shall keep in good order and repair during the Contract Work Period and the subsequent 90-day Observation Period all work done under the Contract. If, at any time in the judgment of the Town, repairs, renewals, or replacements become necessary, due to incorrectly applied or improperly located materials, said actions shall be promptly made by the Contractor.
- b. Following the completion date, there will be a 90 day observation period for the pavement markings before final acceptance.
- c. During the 90 day observation period, the pavement marking material furnished and installed under this contract shall be warranted by the Contractor against failure due to blistering, bleeding, excessive cracking, staining, discoloration, oil content of the pavement materials, smearing or spreading under heat, deterioration due to contact with oil, diesel fuel, grease deposits, chipping, spoiling, poor adhesion resulting from defective materials or methods of application, loss of reflectivity, damage from traffic.
- d. During the observation period, the Contractor, at no expense to the Town, shall replace any pavement markings that do not perform satisfactorily under traffic due to defective materials and/or workmanship in manufacture and/or application. Installation of both initial markings and replacements markings are subject to the seasonal and temperature limitations specified elsewhere in the specifications.
- e. Markings replacement shall be performed in accordance with requirements specified herein for the initial application, including but not limited to surface cleaning, sealer application, etc. Replacement shall commence within 15 days of notice or as soon as weather permits, and be continuously performed until completed.

N. INSURANCE

- a. Workers Compensation – The Contractor shall agree to maintain Worker's Compensation Insurance & Employers Liability in accordance with the State of South Carolina Code.
- b. Business Auto Policy – The Contractor shall maintain Business Automobile Liability at a limit of liability not less than \$500,000 each occurrence for all owned, non-owned and hired automobiles.
- c. Commercial General Liability – The Contractor shall have minimum limits of \$1,000,000 per claim, \$2,000,000 per occurrence for Personal Injury, Bodily Injury, and Property Damage Liability. Coverage shall include Premises and/or Operations,

Independent Contractors, Products and/or Complete Operations, Contractual Liability and Broad Form Property Damage Endorsements. Coverage shall not contain an exclusion or limitation endorsement for Contractual Liability or Cross Liability. All insurance policies shall be issued from a company or companies duly licensed by the State of South Carolina. Specific endorsements will be requested depending upon the type and scope of work to be performed.

- d. Additional Insured Requirements – Except as to Workers’ Compensation and Employers’ Liability, said Certificate(s) shall clearly state that coverage required by the contract has been endorsed to include the Town of Bluffton, a municipality of the State of South Carolina, its officers, agents and employees as Additional Insured with a CG 2026-Designated Person or Organization endorsement, or similar endorsement, to its’ Commercial General Liability. The name for the Additional Insured endorsement issued by the insured shall read “Town of Bluffton”, political subdivision of the State of South Carolina, its officers, employees and agents along with the Contract and Bid number. The Certificate of Insurance shall unequivocally provide thirty (30) days written notice to the Town prior to any adverse changes, cancellation, or non-renewal of coverage thereunder. Said liability insurance must be acceptable by and approved by the Town as to form and types of coverage. In the event that the statutory liability of the Town is amended during the term of this agreement to exceed the above limits, the Contractor shall be required, upon thirty (30) days written notice by the Town, to provide coverage at least equal to the amended statutory limit of liability of the Town.

O. Bid Proposal

- a. A Bid Proposal has been supplied for general reference purposes only. The Contractor is responsible for conducting a thorough site visit to familiarize themselves with existing conditions and measure the existing markings to generate actual quantities to complete the project.
- b. The quantities provided in the Bid Proposal were estimated using the Town of Bluffton Explorer mapping program and therefor were not measured or verified in the field.
- c. The contractor is responsible to provide the actual quantities he measured when he turns in his bid. The quantities in the Bid Proposal that is turned in will be the quantities used for the job.
- d. There will be no change order for quantities unless there is an addition to the existing markings that are currently in place.